

PROJECT DESCRIPTION

I. GENERAL

This project involves the modification of the traffic control signal at the intersection of MD 450 and Riva Road in Anne Arundel County, Maryland. MD 450 is considered to run in an east/west direction.

Riva Road northbound movement changed from a through right to a double right.

II. INTERSECTION OPERATION

The intersection operation is to remain unchanged.

Existing cabinet and controller to be utilized.

CONTACT LIST

The contact persons for District #5 are as follows:

Ms. Kim Tran
Assistant District Engineer - Traffic
410-841-1019

Mr. John Mays
Assistant District Engineer - Utility
410-841-1039

Mr. Chuck E. George
Assistant District Engineer - Maintenance
410-841-1013

Mr. Richard L. Daff
Chief, Traffic Operations Division
410-787-7630

Mr. Edward Rodenhizer - Signal Operations
Signal Operations Supervisor
410-787-7652

Mr. Kevin Newton
Anne Arundel County - DPW
410-222-7331

EQUIPMENT LIST

A. S.H.A. furnished equipment material.

None.

B. Equipment to be furnished and installed by the Contractor.

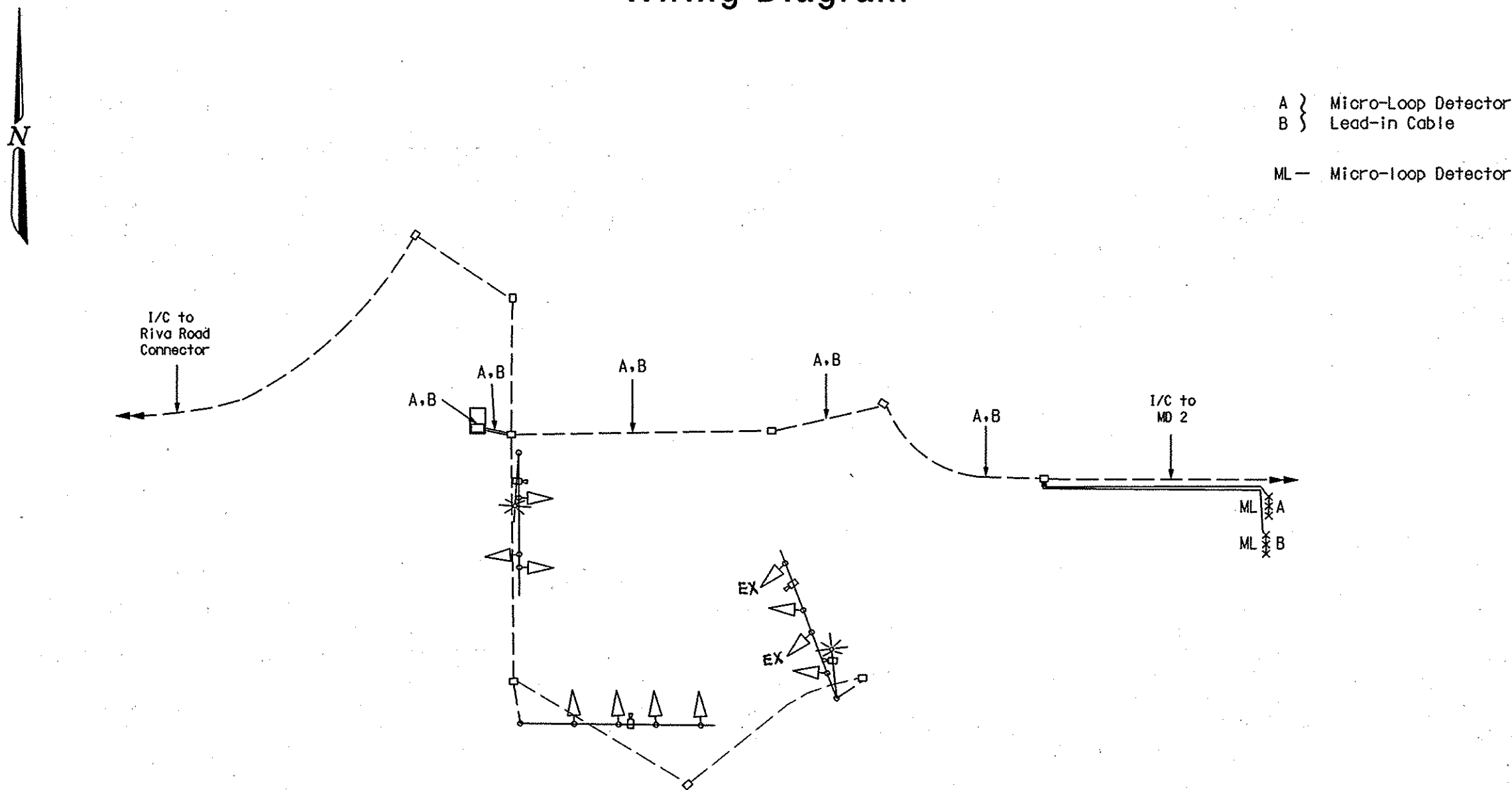
All equipment in this list shall have catalog cuts submitted for approval prior to installation.

Quantity	Units	Specification Section	Description
Lump Sum	LS	108	Mobilization.
Lump Sum	LS	104	Maintenance of traffic.
2	EA	814	12 in., one-way, three section McCain Programmable L.E.D. (R,Y,G) adjustable black faced traffic signalhead with mast arm mounting hardware and tunnelvisors.
1	EA	813	30 in. x 36 in. R 3-5(R) sign with mast arm mounting hardware.
1	EA	813	30 in. x 30 in. R 10-11b sign with mast arm mounting hardware.
2	EA	---	Micro-loop probe (set of 3) with 500 ft. lead-in cable.
300	LF	815	Sawcut for signal loop detector.
8	LF	805	1 in. liquid tight flexible conduit for loop detector sleeve.
Lump Sum	LS	---	Remove and dispose of existing signal equipment.
Lump Sum	LS	---	As-built for S.H.A. (on CADD).

Phase Chart

	1	2	3	4	5	6	7	8	9	10	11	12
Phase 1 & 5	R	R	R	R	R	R	R	R	R	R	R	R
1 & 5 Change to Phase 1 & 6 or Phase 2 & 5 or Phase 2 & 6	G	G	G	G	G	G	G	G	G	G	G	G
Phase 1 & 6	R	R	R	R	R	R	R	R	R	R	R	R
1 Change	G	G	G	G	G	G	G	G	G	G	G	G
Phase 2 & 5	R	R	R	R	R	R	R	R	R	R	R	R
5 Change	G	G	G	G	G	G	G	G	G	G	G	G
Phase 2 & 6	R	R	R	R	R	R	R	R	R	R	R	R
2 & 6 Change	G	G	G	G	G	G	G	G	G	G	G	G
Phase 3	R	R	R	R	R	R	R	R	R	R	R	R
3 Change	G	G	G	G	G	G	G	G	G	G	G	G
Phase 4	R	R	R	R	R	R	R	R	R	R	R	R
4 Change	G	G	G	G	G	G	G	G	G	G	G	G
Flashing Operation	FL/Y	FL/Y	FL/Y	FL/Y	FL/Y	FL/Y	FL/Y	FL/Y	FL/Y	FL/Y	FL/Y	FL/Y

Wiring Diagram



MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
(General Information Plan)
MD 450 and Riva Road/US 50 Ramps

DRAWN BY: F. Brownley	F.A.P. NO. N/A	TS NO. 864E-GI	SHEET NO. 2 OF 4
CHECKED BY: [Signature]	S.H.A. NO. BW996M82		
SCALE: N/A	COUNTY: Anne Arundel	T.I.M.S. NO. H584	
DATE: October 3, 2006	LOG MILE: 0245009.67		